IN THE CLAIMS:

1. (Currently Amended) An all-solid-state electrochemical generator comprising a negative electrode capable of delivering a lithium cation, an all-solid-state alkaline polymeric electrolyte formed by extrusion from a macromolecular material including ~~in which~~ an ionized lithium salt ~~is dissolved~~ and a positive electrode capable of incorporating nonionized species corresponding to said lithium cation, ~~characterized in that~~ wherein the all-solid-state alkaline polymeric electrolyte comprises one or more fluoropolymers in a macromolecular material/ fluoropolymer(s) mass ratio of between 6 and 700 and said all-solid-state polymeric electrolyte has a thickness between 2 and 100 μm.

2. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the all-solid-state alkaline polymeric electrolyte comprises 0.1 to 10 wt% of fluoropolymer(s).

3. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein

the all-solid-state alkaline polymeric electrolyte comprises 0.5 to 5 wt% of fluoropolymer(s).

4. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the fluoropolymer is chosen from the group ~~comprising the following polymers: PVDF, PHFP, PCTFE, PTFE, PVF_2, PVF~~ consisting of polyvinyldifluoride, polyhexafluoropropylene, polychlorotetrafluoroethylene, polytetrafluoroethylene, polyvinylidene fluoride, and polyvinylfluoride.

5. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the positive electrode is made of a composite material, of the active substance, of a compound inert to electronic conduction favoring the transfer of electrical charges into a collector~~, such as graphite or acetylene black,~~ and of the polymeric electrolyte.

6. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the positive electrode consists of a hybrid compound or

intercalated compound comprising compounds or salts of an alkaline transition metal possessing a high electron activity with regard to alkali metals and capable of imposing on them, when they are in the ionized state, a low chemical potential with respect to that which they have when they are in the metallic state.

7. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the positive electrode is a composite electrode comprising carbon, an active substance based on a transition metal, and a matrix of a polymeric electrolyte.

8. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 5, ~~characterized in that~~ wherein the active substance is chosen from the group consisting of vanadium oxide, manganese oxide, nickel oxide, cobalt oxide or a mixture of these active substances.

9. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein

the positive electrode has a thickness of between 10 and 150 μm and a proportion of active substance of between 20 and 80 wt%.

10. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the positive electrode has a thickness of between 10 and 100 μm and a proportion of active substance of between 25 and 65 wt%.

11. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the macromolecular material of the all-solid-state alkaline polymeric electrolyte is a polyether based on polyethylene oxide or polypropylene oxide, or polyoxyalkylenes.

12. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the negative electrode is a lithium electrode.

13. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the alkaline polymeric electrolyte comprises

~~magnesia, preferably 5 to 30 wt%, very advantageously between 8 and 25 wt%~~.

14. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the macromolecular material of the all-solid-state alkaline polymeric electrolyte is formed ~~by extrusion or~~ by coextrusion with the electrode films.

15. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 1, ~~characterized in that~~ wherein the alkaline polymeric electrolyte comprises an antioxidant compound.

16. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 15, ~~characterized in that~~ wherein the proportion of antioxidant compound is between 0.5 and 3% with respect to the mass of polymer.

17. (Currently Amended) The all-solid-state electrochemical generator as claimed in claim 15, ~~characterized in that~~ wherein the antioxidant is chosen from the group

comprising quinone or hydroquinone derivatives and phenolic antioxidants.

18. (Currently Amended) An all-solid-state polymeric electrolyte formed by extrusion from a macromolecular material ~~in which~~ including an ionized lithium salt ~~is dissolved~~, and comprising one or more fluoropolymers~~, as defined in claim 1, which is useful, in particular, for producing all-solid-state electrochemical generators as claimed in claim 1,~~ in which the macromolecular material/fluoropolymer(s) mass ratio is between 6 and 700, wherein the thickness of said all-solid-state polymeric electrolyte is between 2 and 100 μm.

19. (New) The all-solid-state electrochemical generator as claimed in claim 5, wherein the compound inert to electronic conduction favoring the transfer of electrical charges into a collector is graphite or acetylene block.

20. (New) The all-solid-state electrochemical generator as claimed in claim 13, wherein magnesia is present in an amount of 5 to 30 wt%.

21. (New) The all-solid-state electrochemical generator as claimed in claim 13, wherein magnesia is present in an amount of 8 to 25 wt%.